

# Interference Search

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	329	((361/699) or (165/80.4) or (363/141) or (257/714,177)).CCLS.	US-PGPUB	OR	OFF	2006/01/05 14:56
L2	0	1 and "spacer" and "first passage" and "first side" and "second passage" and "second side" and "cooling medium" and "power switches" and "first power switch" and "first wall" and "second power switch" and "second wall" and "first channel" and "second channel"	US-PGPUB	OR	ON	2006/01/05 14:57

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	"spacer" and "first passage" and "first side" and "second passage" and "second side" and "cooling medium" and "power switches" and "first power switch" and "second power switch" and "first wall" and "second wall" and "first channel" and "second channel"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 10:43
L2	2	("20010055714").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/05 10:55
L3	19	("3918084"   "4037270"   "4622621"   "5426565"   "5453911"   "5504378"   "5574312"   "5636684"   "5666269"   "5740015"   "5998240"   "6302190").PN. OR ("6442023").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/05 10:56
L4	27	("20010040027"   "20020029876"   "20020043361"   "20030036806"   "3776305"   "4635709"   "4727454"   "4727455"   "4998181"   "5631821"   "5804761"   "5814909"   "5925929"   "5930135"   "5966291"   "6031751"   "6137169"   "6166937"   "6219245"   "6236566"   "6326761"   "6340851"   "6414867"   "6442023"   "6529394"   "6580609").PN. OR ("6721181").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/05 10:58
L5	19	("3918084"   "4037270"   "4622621"   "5426565"   "5453911"   "5504378"   "5574312"   "5636684"   "5666269"   "5740015"   "5998240"   "6302190").PN. OR ("6442023").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/05 11:20

L6	55	("20010040027"   "20020029876"   "20020043361"   "20020162673"   "20030036806"   "3776305"   "4093024"   "4392153"   "4635709"   "4646202"   "4652970"   "4727454"   "4727455"   "4844168"   "4894709"   "4998181"   "5172310"   "5199487"   "5271455"   "5365424"   "5579217"   "5623399"   "5631821"   "5636684"   "5719444"   "5804761"   "5814909"   "5828554"   "5901037"   "5915463"   "5925929"   "5930135"   "5966291"   "5978220"   "6002580"   "6008982"   "6031751"   "6115270"   "6137169"   "6166937"   "6196299"   "6215681"   "6219245"   "6236566"   "6326761"   "6327165"   "6340851"   "6367543"   "6414867"   "6442023"   "6529394"   "6563709"   "6580609"   "6618278"   "6729383").PN. OR ("6885553"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/05 11:24
L7	426	(363/141).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/05 11:43
L8	147	7 and ("liquid" or "coolant" or "fluid")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 11:43
L9	721	(361/699).CCLS.	USPAT; USOCR	OR	OFF	2006/01/05 13:16
L10	964	(361/699).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/05 13:16
L11	31	10 and "power switch"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 13:16

L12	68	("20010023757"   "20020039280"   "20030010477"   "20030016498"   "2017201"   "2151540"   "2733908"   "3422518"   "3528494"   "3643735"   "3662582"   "3776018"   "3794886"   "3887004"   "4109707"   "4120019"   "4154296"   "4450472"   "4514746"   "4558395"   "4602679"   "4612978"   "4648441"   "4793405"   "4821389"   "5053856"   "5186250"   "5239200"   "5265321"   "5274920"   "5289869"   "5344795"   "5386629"   "5482113"   "5491363"   "5586598"   "5587880"   "5757615"   "5797184"   "5803164"   "5826643"   "5826646"   "5946188"   "5966286"   "5966291"   "5978220"   "6050332"   "6058010"   "6137169"   "6166907"   "6216771"   "6236566"   "6263959"   "6313990"   "6360813"   "6462949"   "6473303"   "6490159"   "6493227"   "6501654"   "6508301"   "6588647").PN. OR ("6819561"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/05 13:22
L13	8	("3722080"   "6367152").PN. OR ("6588647").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/05 13:23
L14	1436	(257/714).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/05 14:40
L15	53	14 and switch	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/01/05 13:32
L16	1318	(165/80.4).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/05 13:32
L17	126	16 and switch	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/01/05 13:32
L18	21	("3551758").URPN.	USPAT	OR	ON	2006/01/05 13:53

L19	1654	(174/15.1,252).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/05 13:54
L20	131	19 and switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 13:54
L21	186	(257/177).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/05 14:40
S1	687	(361/699).CCLS.	USPAT; USOCR	OR	OFF	2006/01/05 13:16
S2	122	(361/699).CCLS.	US-PGPUB	OR	OFF	2005/07/29 09:26
S3	809	(361/699).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/29 09:26
S4	26	S3 and ("power switching module" or "power switch")	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/07/29 09:29
S5	9632	(361/687-723).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/29 09:29
S6	195	S5 and ("power switching module" or "power switch")	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/07/29 09:52
S7	169	S6 not S4	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/07/29 09:34
S8	1222	S5 and ("switch")	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/07/29 09:52
S9	97	S8 and IGBT	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/07/29 09:52

S10	63	("4651066"   "4757240"   "4893590"   "5091823"   "5111280"   "5172784"   "5274317"   "5280228"   "5291388"   "5291960"   "5406154"   "5481433"   "5491622"   "5504378"   "5504655"   "5508594"   "5508908"   "5510725"   "5517063"   "5517401"   "5528446"   "5539254"   "5549172"   "5563447"   "5600222"   "5614803"   "5619107"   "5627758"   "5631821"   "5659235"   "5698955"   "5717584"   "5725048"   "5739664"   "5740015"   "5744896"   "5808448"   "5811957"   "5820172"   "5828192"   "5831409"   "5836381"   "5841634"   "5872711"   "5883496"   "5892279"   "5895974"   "5896283"   "5914582"   "5914860"   "5920161"   "5923085"   "5930135"   "5962996"   "5963442"   "5966291"   "6031751"   "6166937"   "6236566"   "6257310"   "6326760"   "6414867"   "6493249").PN. OR ("6865080"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/29 10:29
S11	6097	hamilton.att.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/29 10:59
S12	1808	(165/80.2,80.4).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/29 10:59
S13	160	S12 and switch	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/07/29 11:12
S14	272	(318/722).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/29 11:16
S15	8	US-6661659-\$.DID. OR US-5966291-\$.DID. OR US-6798677-\$.DID. OR US-6885553-\$.DID.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/07/29 11:16

S16	63	("4651066"   "4757240"   "4893590"   "5091823"   "5111280"   "5172784"   "5274317"   "5280228"   "5291388"   "5291960"   "5406154"   "5481433"   "5491622"   "5504378"   "5504655"   "5508594"   "5508908"   "5510725"   "5517063"   "5517401"   "5528446"   "5539254"   "5549172"   "5563447"   "5600222"   "5614803"   "5619107"   "5627758"   "5631821"   "5659235"   "5698955"   "5717584"   "5725048"   "5739664"   "5740015"   "5744896"   "5808448"   "5811957"   "5820172"   "5828192"   "5831409"   "5836381"   "5841634"   "5872711"   "5883496"   "5892279"   "5895974"   "5896283"   "5914582"   "5914860"   "5920161"   "5923085"   "5930135"   "5962996"   "5963442"   "5966291"   "6031751"   "6166937"   "6236566"   "6257310"   "6326760"   "6414867"   "6493249").PN. OR ("6865080"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/29 11:17
S17	24	("4155402"   "4612978"   "5053920"   "5227583"   "5402045").PN. OR ("5504378").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/29 11:25
S18	16	("3918084"   "4037270"   "4622621"   "5426565"   "5453911"   "5504378"   "5574312"   "5636684"   "5666269"   "5740015"   "5998240"   "6302190").PN. OR ("6442023").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/29 11:27
S19	24	("4155402"   "4612978"   "5053920"   "5227583"   "5402045").PN. OR ("5504378").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/29 13:34
S20	36	("4758926"   "5504378"   "5539254"   "5631821"   "5708297").PN. OR ("5966291").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/29 14:03
S21	1	("3921201").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/29 14:03
S22	1	("6084771").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/29 14:04
S23	1	("6236566").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/29 14:06

S24	1	("5650662").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/29 14:06
S25	1	("5227338").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/29 14:07
S26	4	US-6299349-\$.DID. OR US-5280192-\$.DID.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/07/29 14:08
S27	1	("5705848").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/29 14:08
S28	1	("5453911").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/29 14:09
S29	25	("3788393"   "4879632"   "5005640"   "5021924"   "5111280"   "5166775"   "5170320"   "5183104"   "5361188").PN. OR ("5453911"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/29 14:09
S30	28	("2915685"   "3486083"   "3502956"   "3506889"   "3573574"   "3643131"   "3668506"   "3703668"   "3715632"   "3763402").PN. OR ("3921201").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/29 14:11
S31	12	("4716498"   "4878106"   "4916575"   "5181167"   "5424919"   "5608610").PN. OR ("6084771"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/29 14:12
S32	55	("3593064"   "4072188"   "4092697"   "4109707"   "4531146"   "4612978"   "4750086"   "4771365"   "4879629"   "4933747"   "4938279"   "4964458"   "4997032"   "5000256"   "5001548"   "5006924"   "5046552"   "5050037"   "5157588"   "5168348"   "5177667").PN. OR ("5323292"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/29 14:53
S33	809	(361/699).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/29 15:46



S34	190	("5682303" "4613790" "5552976" "5910683" "4319712" "5811878" "6179446" "4349861" "4467611" "4490620" "4893356" "5191230" "5200657" "5287009" "5301508" "5373705" "5463252" "5466998" "5471099" "5480727" "5504378" "5524439" "5574477" "5609032" "5626021" "5635896" "5687573" "5690849" "5757151" "5760361" "5816059" "5818194" "5821491" "5841634" "5855488" RE36060 "5881560" "5912801" "5920583" "6075698" "6104611" "6151213" "6181577" "6219245" "6219245" "6246324" "6308519" "6359251" "6401462" "6424550").pn. ("6459175" RE38128 "6622503" "6803672" "4858072" "4918335" "4918691" "4937658" "4937659" "4955131" "5424916" "5652893" "5680294" "6215679" "6215679" "4366526" "4592204" "4758926" "4860444" "5526525" "5529028" "5923692" "5924482" "5940288" "5960861" "5986882" "6166903" "4404739" "4455841" "4501560" "4831277" "4878106" "4896499" "4931905" "5187457" "5193347" "5216579" "5216688" "5313097" "5349498" "5365749" "5396403" "5399858" "5436794" "5455458" "5463294" "5469124" "5510725" "5524453" "5529114").pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/07/29 15:46
S35	714	(257/714).CCLS.	USPAT; USOCR	OR	OFF	2005/08/01 08:15
S36	687	(361/699).CCLS.	USPAT; USOCR	OR	OFF	2005/08/01 08:15
S37	441	S35 not S36	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/08/01 08:38
S38	410	(363/141).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/01 08:39
S39	399	S38 not S37	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/08/01 08:39
S40	378	S39 not S36	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/08/01 08:44

S41	43	S40 and (("switch") and ("liquid" or "fluid"))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/08/01 08:48
S42	25	S37 and (("switch") and ("liquid" or "fluid"))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/08/01 08:48
S43	1	("6765285").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/01 08:52
S44	9	("4296455"   "5077601"   "5262921").PN. OR ("5606201").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 08:53
S45	55	("20010040027"   "20020029876"   "20020043361"   "20020162673"   "20030036806"   "3776305"   "4093024"   "4392153"   "4635709"   "4646202"   "4652970"   "4727454"   "4727455"   "4844168"   "4894709"   "4998181"   "5172310"   "5199487"   "5271455"   "5365424"   "5579217"   "5623399"   "5631821"   "5636684"   "5719444"   "5804761"   "5814909"   "5828554"   "5901037"   "5915463"   "5925929"   "5930135"   "5966291"   "5978220"   "6002580"   "6008982"   "6031751"   "6115270"   "6137169"   "6166937"   "6196299"   "6215681"   "6219245"   "6236566"   "6326761"   "6327165"   "6340851"   "6367543"   "6414867"   "6442023"   "6529394"   "6563709"   "6580609"   "6618278"   "6729383").PN. OR ("6885553").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 08:54
S46	127	("3616533"   "3673306").PN. OR ("4092697").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 08:56
S47	51	("3139559"   "3268772"   "3327776"   "3334684"   "3512582"   "3904934"   "4120021"   "4204247"   "4283754"   "4514784"   "4551787"   "4590538"   "4628407").PN. OR ("4884168").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 08:58
S48	16	("2501331"   "3573569"   "3993123"   "4712609").PN. OR ("5003376").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 09:00

S49	28	("2915685"   "3486083"   "3502956"   "3506889"   "3573574"   "3643131"   "3668506"   "3703668"   "3715632"   "3763402").PN. OR ("3921201").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 09:07
S50	16	("2501331"   "3573569"   "3993123"   "4712609").PN. OR ("5003376"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 10:32
S51	1	("5504378").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/01 10:41
S52	50301	"transistors" and "emitter" and "gate" and "collector"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/08/01 10:41
S53	6	S52 and "power switching module"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/08/01 10:43
S54	9	S52 and "electrical tracks"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/08/01 10:53
S55	110	(257/177).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/01 10:53
S56	810	(361/699).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/02 07:35
S57	16	S56 and "parallelepiped"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/08/02 07:46
S58	0	"power switch" and "upper walls" and "lower walls" and "lower closed channels" and "upper closed channels" and "a lower passage" and "an upper passage"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/08/02 07:48

S59	0	"power switch" and "upper walls" and "lower walls" and ("lower closed channels" "lower access" "lower alley" "lower alleyway" "lower avenue" "lower channel" "lower corridor" "lower hallway" "lower lane" "lower passageway" "lower pathway" "lower thoroughfare" "lower tunnel") and ("upper closed channels" "upper access" "upper alley" "upper alleyway" "upper avenue" "upper channel" "upper corridor" "upper hallway" "upper lane" "upper passageway" "upper pathway" "upper thoroughfare" "upper tunnel") and ("a lower passage" and "an upper passage")	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/08/02 07:55
S60	0	"switch" and "transistor" and "emitter" and "gate" and "collector" and "electrical tracks" and "cool\$4"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/08/02 07:56
S61	0	"switch" and "transistor" and "emitter" and "gate" and "collector" and "cool\$4"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/08/02 07:56
S62	0	"switch" and "transistor" and "emitter" and "gate" and "collector" and "cool\$4"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 07:57
S63	33494	"switch" and "transistor" and "emitter" and "gate" and "collector"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 07:57
S64	2999	S63 and cool\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 07:57
S65	126	("switch" and "transistor" and "emitter" and "gate" and "collector") same cool\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 08:21

S66	1	("switch" and "transistor" and "emitter" and "gate" and "collector" and "electrical tracks") same cool\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 08:24
S67	1409	(257/714).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/05 13:29
S68	48	S67 and switch	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/08/02 08:29
S69	810	(361/699).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/02 08:29
S70	101	S69 and switch	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/01/05 13:30
S71	28	("3361195"   "5159529"   "5265670"   "5316075"   "5444295"   "5563447"   "5666269"   "5675473").PN. OR ("5841634").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/02 08:46
S72	1	("5003376").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/02 08:55
S73	158	"multiphase inverter" or "multi-phase inverter" and "interrupters" and ("power switching module" or "power switch" or switch)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/08/02 08:56
S74	1	S73 and "thermal conduction"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/08/02 08:57
S75	9	S73 and cool\$4	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/08/02 08:58
S76	494	(361/100).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/02 08:58